

IN THE CLAIMS

1. (CURRENTLY AMENDED) A caliper for a disc brake comprising:
a thrust member and a force transmission device, the force transmission device for a disc
brake comprising: a first end ~~engageable~~engaged with ~~at~~the thrust member; and a second end
engageable with a friction element, wherein the force transmission device is operable along a
first axis to move the friction element into engagement with a rotary brake disc in response to a
loading from the thrust member, and wherein the force transmission device is restrained
proximate the first end from movement transverse to the first axis and the force transmission
device is unguided proximate the second end so as to permit the force transmission device to
pivot transverse to the first axis about the first end, in the absence of a further restraint at the
second end.
2. (CURRENTLY AMENDED) The caliper~~force transmission device~~ according to claim 1
wherein the second end is remote from the first end, and the second end has a formation that
engages the friction element and restricts relative movement therebetween in a direction
transverse to the first axis so as to provide a further restraint.
3. (CURRENTLY AMENDED) The caliper~~force transmission device~~ according to claim 1
further including a housing that restrains movement at the first end transverse to the first axis.

4. (CURRENTLY AMENDED) ~~The force transmission device according to claim 1A~~
caliper for a disc brake comprising at least one tappet having a first end engageable with a thrust
member; and a second end engageable with a friction element, the at least one tappet assembly
being operable along a first axis to move the friction element into engagement with a rotary
brake disk in response to a loading from the thrust member, wherein the force transmission
~~device includes at least one tappet.~~the at least one tappet includes a tappet shaft and an adjuster
shaft and is extendable by relative rotation of the tappet shaft and the adjuster shaft and further
includes an end formation for engagement with a friction element to restrict rotation of one of
the tappet shaft and the adjuster shaft to permit the at least one tappet to extend, the caliper
further comprising a cooperating formation between the housing and one of the tappet shaft and
the adjuster shaft to prevent relative rotation between the housing and the one of the tappet shaft
and the adjuster shaft of the at least one tappet when in a retracted position only.

5-7. (CANCELLED)

8. (CURRENTLY AMENDED) ~~The caliperforce transmission device according to claim 7~~
claim 4 wherein the cooperating formation includes a non-circular portion of the friction element
and a complementary non-circular portion of said at least one tappet, and the non-circular
portion of the friction element engages the complementary non-circular portion of said at least
one tappet.

9. (CANCELLED)

10. (CURRENTLY AMENDED) ~~The caliperforce transmission device according to claim 9~~
claim 4 wherein the cooperating formation is a plurality of teeth.

11. (CURRENTLY AMENDED) A disc brake caliper assembly comprising:

a friction element;

a housing including a chamber;

a thrust member mounted within the chamber; and

a force transmission device ~~for a disc brake~~ mounted within the chamber, ~~and~~ the force transmission device ~~includes~~ including a first end in engagement ~~engageable~~ with ~~a~~ the thrust member and a second end in non-rotatable engagement ~~engageable~~ with a friction element,

~~wherein~~ the force transmission device ~~is~~ being operable along a first axis to move the friction element into engagement with a rotary brake disc in response to a loading from the thrust member in order to apply a braking force to the rotary brake disc, and

wherein the force transmission device is restrained ~~proximate~~ at the first end from movement transverse to the first axis and the engagement between the friction element and the force transmission device restrains movement of the second end transversely within the limit of movement of the friction element, and wherein the force transmission device is unguided intermediate the first end and ~~proximate~~ the second end.

12. (CURRENTLY AMENDED) ~~A~~The disc brake caliper assembly according to claim 11,
further comprising an adjuster mechanism to extend the force transmission device from a
retracted position in which there is sufficient clearance to permit the friction element to
be replaced with the caliper in a fitted state, and an extended position in which the
adjuster mechanism has at least partially extended the force transmission device in order
to maintain a substantially constant brake running clearance, the disc brake caliper
assembly further comprising a cooperating formation between the housing and the force
transmission device to prevent relative rotation between the housing and an element of
the force transmission device when in a retracted position only.

~~comprising: a housing including a chamber; and~~

~~a force transmission device for the disc brake mounted within the chamber, and the force
transmission device includes a first end engageable with a thrust member and a second end
engageable with a friction element,~~

~~wherein the force transmission device is operable along a first axis to move the friction
element into engagement with a rotary brake disc in response to a loading from the thrust
member, and~~

~~wherein the force transmission device is restrained proximate the first end from
movement transverse to the first axis and the force transmission device is unguided proximate
the second end.~~